

What Is Claimed Is:

1. A functional cDNA chip for screening and function analysis
of growth specific gene according to breeds and tissues of swine
5 comprising a probe comprising growth specific genes in the muscle
and fat tissues of swine and a substrate, on which the probe is
immobilized.

2. The functional cDNA chip according to claim 1, wherein the
10 probe DNA comprises the nucleotide sequences set forth in SEQ ID NO:
1 to 5.

3. A kit for screening and function analysis of growth
specific gene according to breeds and tissues of swine comprising
15 the functional cDNA chip having growth specific genes of swine, as
defined in claim 1, integrated thereon, Cy5-dCTP or Cy3-dCTP bound
cDNA from RNA of the tissue to be screened, a fluorescence scanning
system and a computer analysis system